

Work Order ID 62929

Wednesday, October 13, 2010 2:31:35 PM

Page 1

Item ID: D2731-7

Accept

Revision ID:

Item Name: Mounting Lug

Start Date: 10/13/2010 Start Qty: 50.00

Required Date: 10/22/2010 Req'd Qty: 50.00

Cust Item ID:

Customer:

Reference:

Approvals:

Process Plan:

Date: 10-10-13

Tooling:

Date:

QC:

Date:

SPC (Y/N):

Date:

Run

Start

Stop

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

Draw Nbr

Revision Nbr

D2731

Rev C

000

0.00

Bandsaw

Jeaspa Bandsaw

BAND SAW

Memo

0.00

Cut D2423 extrusion to .82"

Batch

Cut at Metec

110

0.00

HAAS I

HAAS CNC vertical machine #1

HAAS CNC VERTICAL MACHINING #1

Memo

0.00

1-Machine as per folioFA930

DWG REV:

FOLIO REV:

2-Check for crack while loading into the machine

Purchasing Issue P.O. 12794
to Metec
Machine as per dwg D2731 Rev C
D2423 B 45800

C210110/22 50

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 62929

Wednesday, October 13, 2010 2:31:35 PM

Page 2

Item ID: D2731-7

Accept

Setup Start

Revision ID:

Stop

Item Name: Mounting Lug

Start Date: 10/13/2010 Start Qty: 50.00

Cust Item ID:

Required Date: 10/22/2010 Req'd Qty: 50.00

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

120

QC2 - Inspect parts off machine FAI/FAIB

0.00

QC

Quality Control

Memo

Review & Inspect for format change
Ensure C of C attached

10/14/8 (50)

130

QC6 - Inspect parts - second check

0.00

QC

Quality Control

Memo

0.00

Solulus

count
(50)

140

Chemical Conversion Coat per QSI005 4.1

0.00

HandFinish

Memo

0.00

Hand Finishing

50 BR 10-11-9.

W/O:		WORK ORDER CHANGES					
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NOTE: Date & initial all entries

Work Order ID 62929

Wednesday, October 13, 2010 2:31:35 PM

Page 3

Item ID: D2731-7

Accept

Setup Start

Revision ID:

Stop

Item Name: Mounting Lug

Start Date: 10/13/2010 Start Qty: 50.00

Cust Item ID:

Required Date: 10/22/2010 Req'd Qty: 50.00

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start

QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

150



Powdercoat

Powder Coating

White Gloss(Ref:4.3.5.1) per QSI005 4.3-Alum

0.00

Memo

0.00

START TIME:

10:40

OVEN TEMPERATURE:

FINISH TIME:

11:10

50 BL 10-11-10

160



QC

Quality Control

QC3- Inspect Part Finish

0.00

Memo

0.00

=> 94 10/11/10

50 0

170



Packaging

Packaging

Identify as per dwg & Stock Location: 470

0.00

Memo

0.00

10/14/11 50

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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NOTE: Date & initial all entries

Work Order ID 62929

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Page 4

Item ID: D2731-7

Accept

Setup Start

Revision ID:

Stop

Item Name: Mounting Lug

Start Date: 10/13/2010 Start Qty: 50.00

Cust Item ID:

Required Date: 10/22/2010 Req'd Qty: 50.00

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start

QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

180

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

CA 10/11/11 [Signature]
PL 10-11-11
(30)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

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NOTE: Date & initial all entries

Picklist Print

Wednesday, October 13, 2010 2:31:39 PM

Page 1

Work Order ID: 62929

Parent Item: D2731-7

Parent Item Name: Mounting Lug



Start Date: 10/13/2010

Required Date: 10/22/2010

Start Qty: 50.00

Required Qty: 50.00

Comments: IPP ☐ D ☐ 00.05.19 ☐ Added inspect level 8, removed P/O powder coating ☐ EC ☐

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D2731-7P 		Purchased	No			100	Each	0.0000	1	50			
LUG													
D2423 		Manufactured	No			110	f	339.2550	0.0683	3.594737			
Lug Extrusion													

Location

Loc Qty

Loc Code

MAT06

339.2549795

43722

180

45800

159.254979

~~3.50~~ CL10/10/22

CL10/11/8 * 50

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

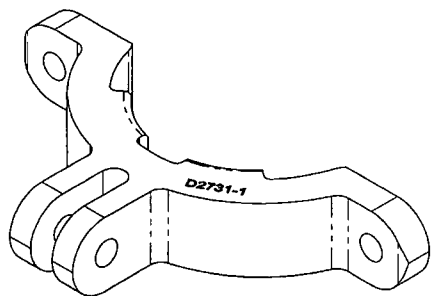
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Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

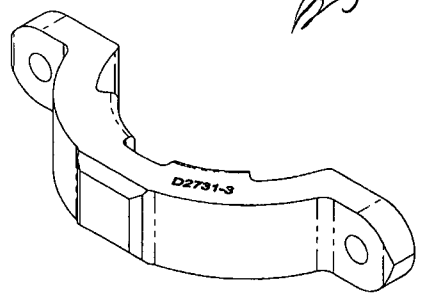
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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

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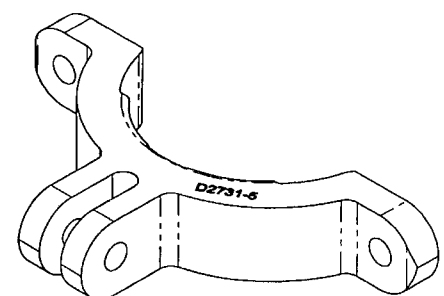
SHOW CHIT
REVISION
UNCONTROLLED
SUBMIT FOR APPROVAL
WORK ORDER
NO. 62929
BS-10-10-B



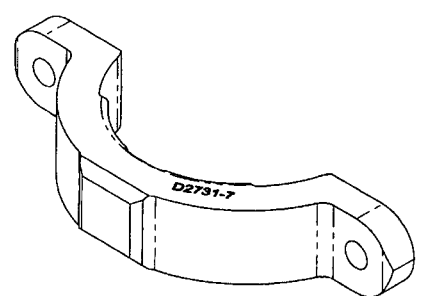
D2731-1 MOUNTING LUG



D2731-3 MOUNTING LUG



D2731-5 MOUNTING LUG



D2731-7 MOUNTING LUG

RELEASED
01/12/14

- NOTES:
- 1) MATERIAL: MAKE FROM D2423 EXTRUSION
 - 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
POWDER COAT WHITE (4.3.5.1) PER DART QSI 005 4.3
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: ENGRAVE PART NUMBER TO A DEPTH OF 0.010±0.005 IN THIS LOCATION, WITH TOOL TIP RADIUS OF 0.015±0.005.
 - 7) WEIGHT: -1: 0.17 lbs
-3: 0.15 lbs
-5: 0.16 lbs
-7: 0.14 lbs

C	REDRAWN IN SOLIDWORKS TO CURRENT DESIGN STANDARDS. REFER TO SECTION A-A, B-B, C-C & D-D FILLET ADDED TO PREVENT CHAFING OF RUBBER CUSHION ON INSTALLATION.	AJS	09.01.19
B	REVISED DIMENSIONS	KE	99.07.06
A	NEW ISSUE	KE	98.05.13
REV.	DESCRIPTION	BY	DATE
DESIGN	KE	DART AEROSPACE USA, INC.	
DRAWN	AJS	PORT HADLOCK, WA	
CHECKED		DRAWING NO.	REV. C
MFG. APPR.		D2731	SHEET 1 OF 5
APPROVED		TITLE	SCALE
DE APPR.		MOUNTING LUG	NTS
DATE	09.01.19	COPYRIGHT © 1998 BY DART AEROSPACE USA, INC. THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.	

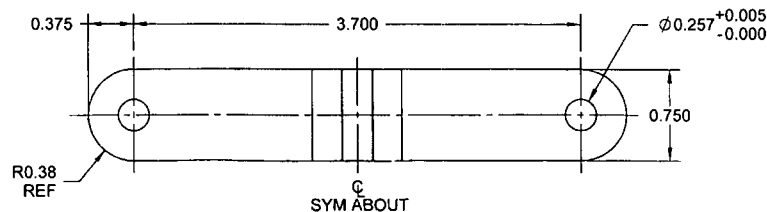
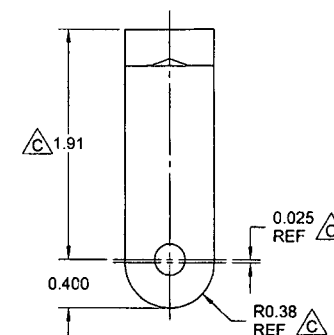
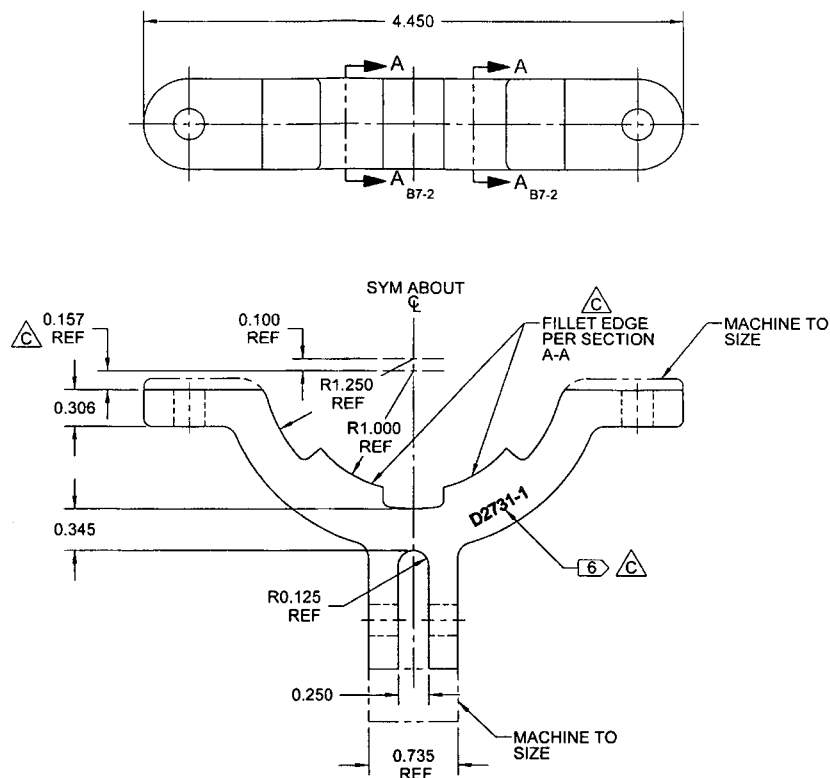
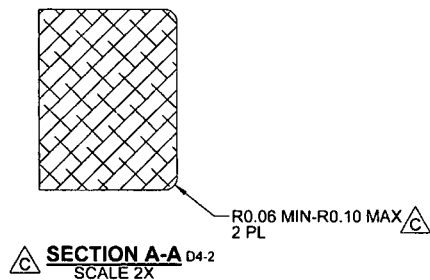
W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries



D2731-1 MOUNTING LUG

DESIGN	KE	DART AEROSPACE USA, INC.	
DRAWN	AJS	PORT HADLOCK, WA	
CHECKED		DRAWING NO.	REV. C
MFG. APPR.		D2731	SHEET 2 OF 5
APPROVED		TITLE	SCALE
DE APPR.		MOUNTING LUG	NTS
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who 4779

RELEASED
09/06/25/47

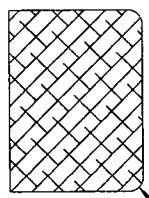
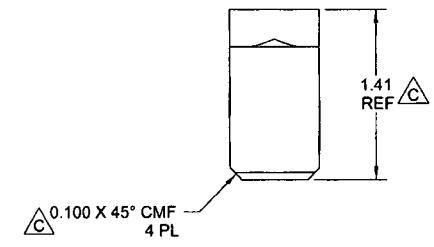
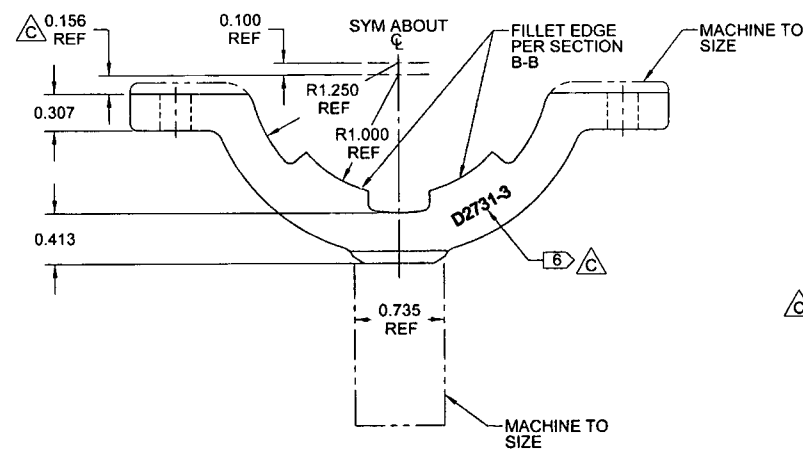
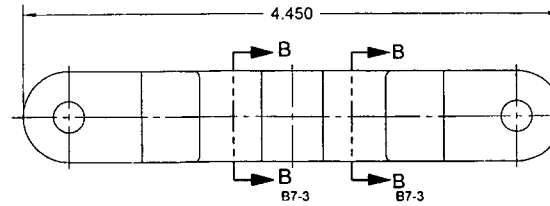
Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____
 Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

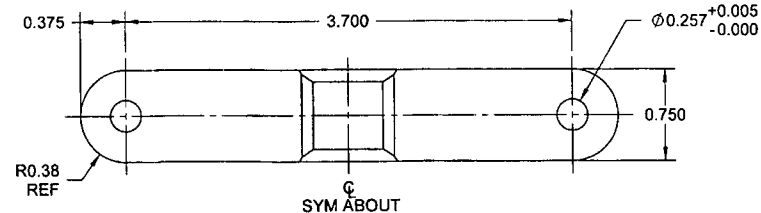
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DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries



SECTION B-B D4-3
SCALE 2X

R0.06 MIN-R0.10 MAX
2 PL



D2731-3 MOUNTING LUG

w/o 62229

RELEASED
09/08/25-1M

DESIGN	KE	DART AEROSPACE USA, INC.	
DRAWN	AUS	PORT HADLOCK, WA	
CHECKED		DRAWING NO. D2731	REV. C
MFG. APPR.		TITLE	SHEET 3 OF 5
APPROVED		MOUNTING LUG	SCALE
DE APPR.			NTS
DATE	09.01.19	COPYRIGHT © 1988 BY DART AEROSPACE USA, INC. THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS COORDINATION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.	

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

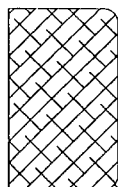
Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

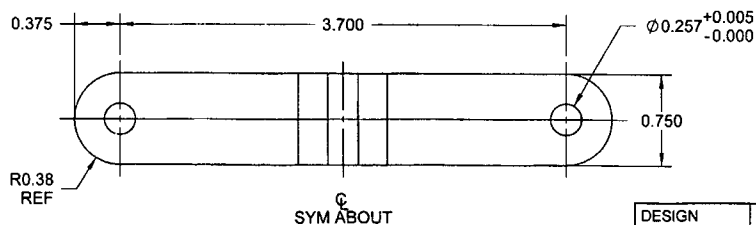
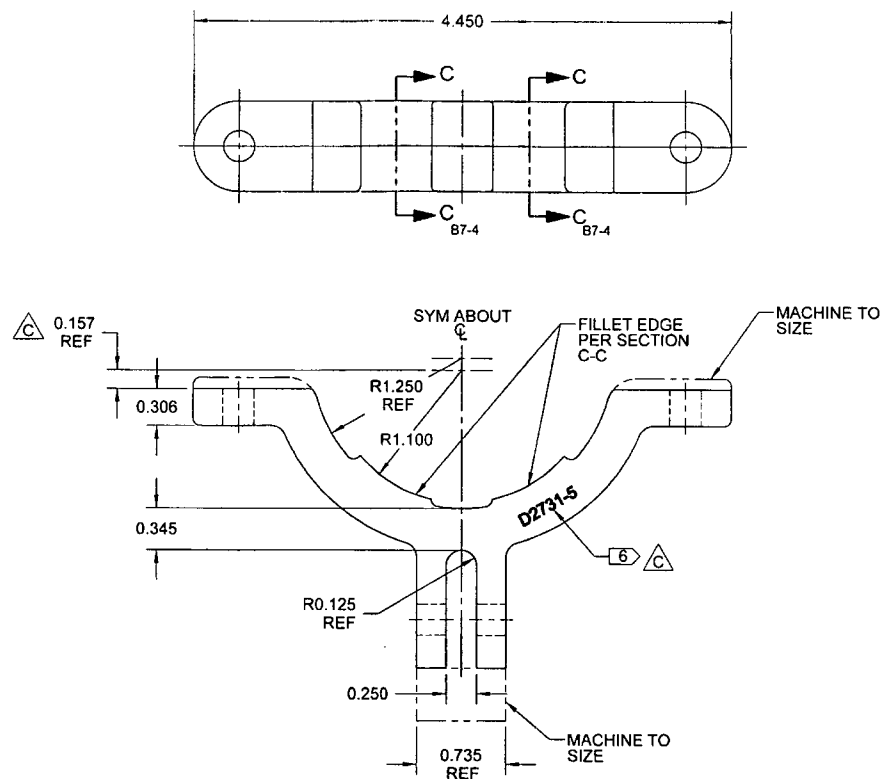
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DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

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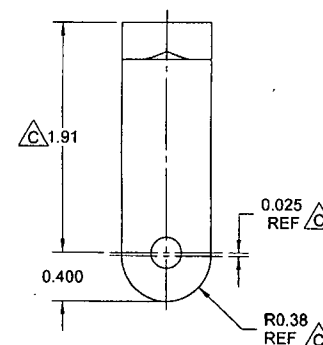
SECTION C-C D4-4
SCALE 2X



R0.06 MIN-R0.10 MAX
2 PL



D2731-5 MOUNTING LUG



RELEASED
9/16/25 MB

DESIGN	KE	DART AEROSPACE USA, INC.	
DRAWN	AJS	PORT HADLOCK, WA	
CHECKED		DRAWING NO.	REV. C
MFG. APPR.		D2731	SHEET 4 OF 5
APPROVED		TITLE	SCALE
DE APPR.		MOUNTING LUG	NTS
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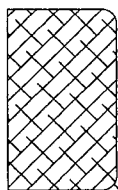
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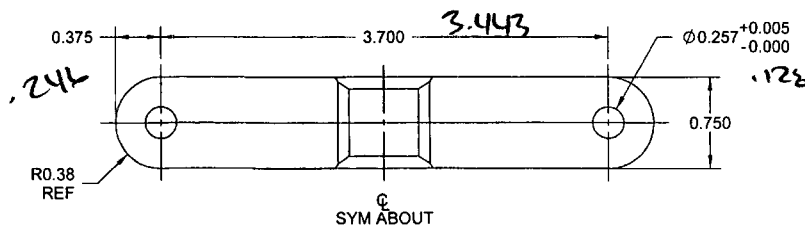
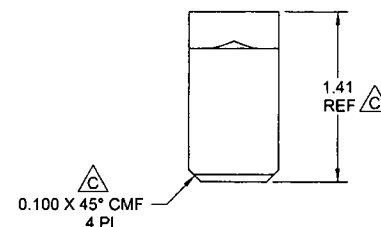
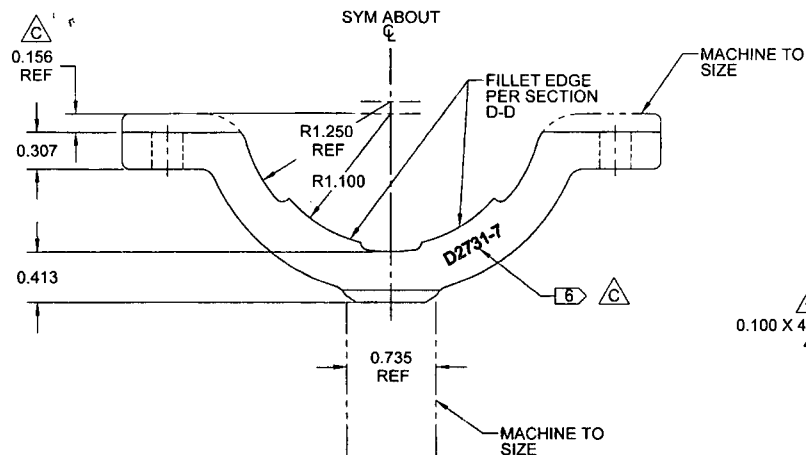
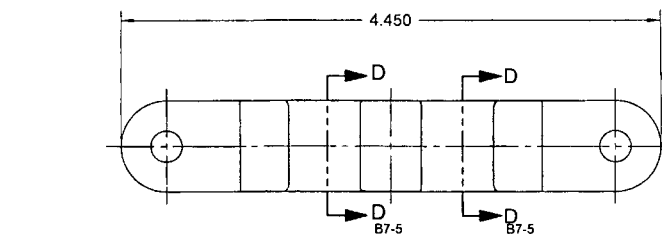
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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

SECTION D-D D4-5
SCALE 2X



R0.06 MIN-R0.10 MAX
2 PL



D2731-7 MOUNTING LUG

DESIGN	KE	DART AEROSPACE USA, INC.	
DRAWN	AJS	PORT HADLOCK, WA	
CHECKED		DRAWING NO.	REV. C
MFG. APPR.		D2731	SHEET 5 OF 5
APPROVED		TITLE	SCALE
DE APPR.		MOUNTING LUG	NTS
DATE	09.01.19	<small>COPYRIGHT © 1988 BY DART AEROSPACE USA, INC. THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.</small>	

RELEASED
09/16/25/19

W6 42927

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO12794**

Purchase Order Date 10/22/10

PO Print Date 10/22/10

Page Number 1 of 2

Order From : VC-MET003

METEC METAL TECHNOLOGY INC.
20 TERRY FOX DRIVE PO BOX 781
VANKLEEK HILL, QC K0B 1R0
CA

Contact Name		Buyer	Chantal Lavoie
Vendor Phone	613 678 3957	Requisition Nbr	
Vendor Fax	613 678 3956	Tax Resale Nbr	10127-2607
Vendor Account Nbr		Terms	Net 30
		Currency	CAD
		FOB	Destination-Collect

Ship To : DART AEROSPACE LTD 1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

FAKED
6/10/10

IN THIS ORDER PLEASE

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	D2230-3P	LUG	11/05/10 Yes	60.00 Each	Yours ppd	\$10.4000	\$624.00
Special Inst: MACHINE AS PER DWG D2230 REV. G B62927							
2	D2731-7P	LUG	11/05/10 Yes	50.00 Each	Yours ppd	\$13.9000	\$695.00
Special Inst: MACHINE A SPER DWG D2731 REV. C B62929							
3	D3394-3P	Lug	11/12/10 Yes	40.00 Each	Yours ppd	\$18.9500	\$758.00
Special Inst: MACHINE AS PER DWG D3394 REV. B B62930							
4	D2731-7P	LUG	11/12/10 Yes	24.00 Each	Yours ppd	\$13.9000	\$333.60

No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required when applicable

Change Nbr: 1

Change Date: 10/22/10

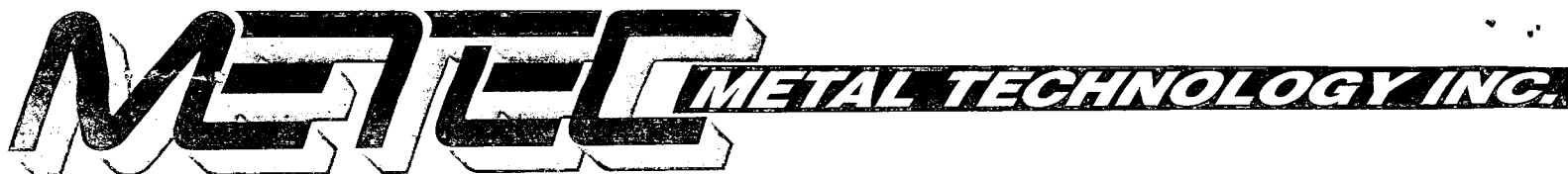


20 Terry Fox Drive
Vankleek Hill, Ontario K0B 1R0
Tel: (613) 678-3957
Fax: (613) 678-3956

Delivery Slip No.: **17550**
Date: Nov 08, 2010
Page: 1

Sold to: Dart Aerospace Ltd. Att. Linda Lacelle 1270 Aberdeen Street Hawkesbury, Ontario K6A 1K7	Ship to: Dart Aerospace Ltd. Att. Linda Lacelle 1270 Aberdeen Street Hawkesbury, Ontario K6A 1K7
Order No.: 12794	Sold By:
Shipped By: your truck	Ship Date:

Description	Unit	Ordered quantity	Shipped quantity	Backorder quantity
D2230-3 Mounting Lug	Each	60	60	
D2731-7 Mounting Lug	Each	50	50	
D2731-7 Mounting Lug	Each	24	24	
D3394-3 Lug	Each	40	40	
D3394-3 Lug	Each	30	30	
D3910-1 Crosstube Lug	Each	6	6	
Received by _____		Thank you for your order!		



CERTIFICATE OF CONFORMITY

SOLD TO:

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, Ont.
K6A 1K7

SHIPPED TO:

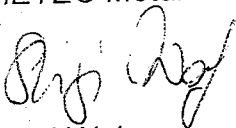
same

<u>QUANTITY</u>	<u>PART NUMBER</u>	<u>PART NAME</u>	<u>P.O. NUMBER</u>
60	D2230-3	Mounting Lug	12794
50	D2731-7	Mounting Lug	12794
24	D2731-7	Mounting Lug	12794
40	D3394-3	Mounting Lug	12709
30	D3394-3	Mounting Lug	12709
6	D3910-1	Crosstube Lug	12709

MATERIAL: Supplied by DART D2324 45800

We hereby certify that the above parts were made in conformance with applicable drawings.

METEC Metal Technology Inc.


Shigi Walz

Vankleek Hill, November 5, 2010